

## BIOS Release Notes Form

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<b>Product Name</b>	<b>X12DSC-A6</b>
<b>Release Version</b>	<b>1.4b</b>
<b>Release Date</b>	<b>04/13/2023</b>
<b>Build Date</b>	<b>01/09/2023</b>
<b>Previous Version</b>	<b>1.4</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_73 Intel BKCWW40 PLR3 OOB, please check header for firmware revisions. 2.[Enhancements] Update M87606A6_0D00037B microcode for Dx/Mx stepping CPU. 3.[Enhancements] Update VROC SATA/sSATA EFI driver to VROC PreOS v7.8.0.1012 to address Intel Virtual RAID on CPU (VROC): Data Loss Exposure Due to RAID 5 TRIM Support document #737276 4.[Enhancements] Update DBX file to fix Secure Boot Bypass issue. 5.[Enhancements] Follow the SMBIOS template sync the chassis type from FRU0 to SMBIOS Type 03. 6.[Enhancements] Update 5.22_WhitleyCrb_0ACMS_ICX_74 Intel BKCWW46 IPU2023.1, please check header for firmware revisions. 7.[Enhancements] Updated Intel Server Platform Services for Whitley Server Platforms IPU2023.1 4.4.4.301</b>
<b>New features</b>	<b>N/A</b>

Fixes	N/A
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**Release Notes from Previous Release(s)**

**1.4 (07/14/2022)**

- 1.[Enhancements] Update BIOS version to 1.4.
- 2.[Enhancements] Update AMI 5.22\_WhitleyCrb\_0ACMS\_ICX\_070\_BETA RC27P52 for BKC 2021\_WW52 (PLR1)
- 3.[Enhancements]Change string "VMX" to "Intel Virtualization Technology"
- 4.[Fixes] Remove 1G option from MMCFG base to avoid system hang.
- 5.[Fixes] Fixed the SMBIOS event log ERROR CODE not display correctly under BIOS menu issue (EFI error type).
- 6.[Fixes] Correct "PCIe ASPM Support (Global)"" default value to disable.
- 7.[Fixes]Rollback VROC SATA/sATA EFI driver to VROC PreOS v7.6.0.1012 to fix system hang when VMD enable.

**1.0 (11/08/2021)**

1. First Release.